

ABSTRACT

The present invention is a flexible hose having a metal bellows tube 1 comprising a rubber layer 2 on the outer circumference of the metal bellows tube 1; and an exterior layer formed on the outer circumference of the rubber layer 2; wherein the metal bellows tube 1 has a corrugated bellows structure with a plurality of spaced apart rings 5 having peaks 6 and a plurality of channels 7 disposed between the rings which vary in width in a radial direction with the channels forming relatively wide valleys below the peaks. The rubber layer 2 is of a composition including at least a rubber of an acryl group and/or a rubber of an ethylene-propylene-diene group and with the rubber layer 2 being flowable at low temperature such that each channel in the metal bellows tube 1 is filled with rubber throughout each valley.